

INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/KR2004/003076
A. CLASSIFICATION OF SUBJECT MATTER**IPC7 G02B 1/06 G02B 7/04 G03B 3/04**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G02B 1/00, 1/06, 3/00, 3/14, 7/00, 7/04; G03B 3/00, 3/04, 9/02, 11/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-249261 A (CANON INC.) 14 Sep. 2001 see abstract; paragraphs [0002], [0003], and [0008]-[0037]; Figure 7	1-23
A	US 2001-0030364 A1 (KAZUAKI KATOU, KANAGAWA) 18 Oct. 2001 see abstract; paragraph [0062]; Figures 6, 10, and 12	1-23
A	JP 2000-077736 A (DENSO CORP.) 14 Mar. 2000 see the whole document	1-23
A	JP 2001-257932 A (DENSO CORP.) 21 Sep. 2001 see the whole document	1-23

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family


Date of the actual completion of the international search

07 MARCH 2005 (07.03.2005)

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Name and mailing address of the ISA/KR


 Korean Intellectual Property Office
 920 Dunsan-dong, Seo-gu, Daejeon 302-701,
 Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

KIM, Sang Hee

Telephone No. 82-42-481-5974



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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		US06806988 A	19.10.2004
		US20050007644 A1	13.01.2005
US 2001-0030364 A1	18.10.2001	KR1020010085577 A	07.09.2001
		EP01128534 A2	29.08.2001
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JP 2001-257932 A	21.09.2001	NONE	